

<p>(51) International Patent Classification ⁶ : C07C 17/386, 19/08</p>	<p>A1</p>	<p>(11) International Publication Number: WO 99/07660</p>
		<p>(43) International Publication Date: 18 February 1999 (18.02.99)</p>
<p>(21) International Application Number: PCT/US98/16689</p>	<p>(81) Designated States: JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p>	
<p>(22) International Filing Date: 12 August 1998 (12.08.98)</p>		
<p>(30) Priority Data: 60/055,502</p>	<p>12 August 1997 (12.08.97)</p>	<p>US</p>
<p>(71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).</p>		<p>Published <i>With international search report.</i></p>
<p>(72) Inventors; and</p>		
<p>(75) Inventors/Applicants (for US only): BOEHMER, Sara, W. [US/US]; 6 Gibbs Lane, Newark, DE 19711 (US). MAHLER, Barry, Asher [US/US]; 104 Carter Way, Glen Mills, PA 19342 (US). MILLER, Ralph, Newton [US/US]; 39 Hillstream Road, Newark, DE 19711 (US).</p>		
<p>(74) Agent: SHIPLEY, James, E.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).</p>		

[illegible]

The present invention provides extractive distillation processes for removing difluoromethane (HFC-32) from a mixture comprising HFC-32 and at least one of chlorodifluoromethane (CFC-12), 1,1,1-trifluoroethane (HFC-143a), chloropentafluoroethane (CFC-115), and pentafluoroethane (HFC-125) using hydrocarbon, chlorocarbon, and oxygen-containing extractive agents.